

## 1. Add

a)  $\frac{-5}{7} + (\frac{-1}{7})$    b)  $\frac{-5}{12} + (\frac{-2}{12})$    c)  $\frac{3}{-8} + \frac{3}{8}$    d)  $\frac{-5}{-9} + (\frac{2}{-9})$

e)  $\frac{1}{-2} + (\frac{-5}{6})$    f)  $-1\frac{1}{2} + \frac{1}{4}$

## 2. Subtract

a)  $\frac{-3}{11} - \frac{2}{11}$    b)  $\frac{-9}{13} - (\frac{-1}{13})$    c)  $\frac{7}{-9} - (\frac{-4}{9})$    d)  $\frac{-3}{-10} - (\frac{7}{-10})$

e)  $\frac{4}{-5} - (\frac{-3}{10})$    f)  $\frac{-2}{3} - (\frac{1}{8})$

## 3. Find the missing rational number

a)  $1 + \underline{\hspace{1cm}} = \frac{1}{2}$    b)  $\frac{2}{3} + \underline{\hspace{1cm}} = \frac{1}{3}$    c)  $\underline{\hspace{1cm}} + \frac{3}{4} = \frac{1}{2}$    d)  $\underline{\hspace{1cm}} = \frac{1}{2} - 1$

## 4. Find the result

a)  $\frac{4}{-7} + (\frac{-2}{5})$    b)  $\frac{-1}{-4} + (\frac{7}{-10})$    c)  $1\frac{3}{10} + (-\frac{13}{10})$    d)  $\frac{2}{-3} + (\frac{1}{-8}) + 1$

e)  $\frac{-2}{5} + \frac{1}{6} + (\frac{-1}{3})$    f)  $\frac{2}{7} + 1\frac{4}{9} + (-\frac{2}{7})$    g)  $-8\frac{3}{4} - (-2\frac{1}{2})$

5. The table shows stock prices for the end of October.

Stock	High (\$)	Low (\$)	Close(\$)
T.J. Pet Supplies	$5\frac{1}{4}$	$4\frac{1}{2}$	5
Millwork Tools Co.	$13\frac{1}{2}$	$12\frac{1}{4}$	$12\frac{3}{4}$
AGS Explorations	21	$20\frac{7}{8}$	$20\frac{7}{8}$

- Find the difference between the closing price and the low price for each stock.
- Find the change between each high and low.
- How much would 20 shares of Millwork Tools Company cost if they were purchased at the closing price?